

The Agrosta® Balance Version 2 has been designed in early 2016
It is not only a laboratory scale ! More an automatic weight recorder designed for fruits and food business. Agrosta® Balance records the weight automatically when stabilized under Excel format, classifies by batches, and calculates statistics



Many thanks for having acquired an Agrosta instrument

Your package contains :

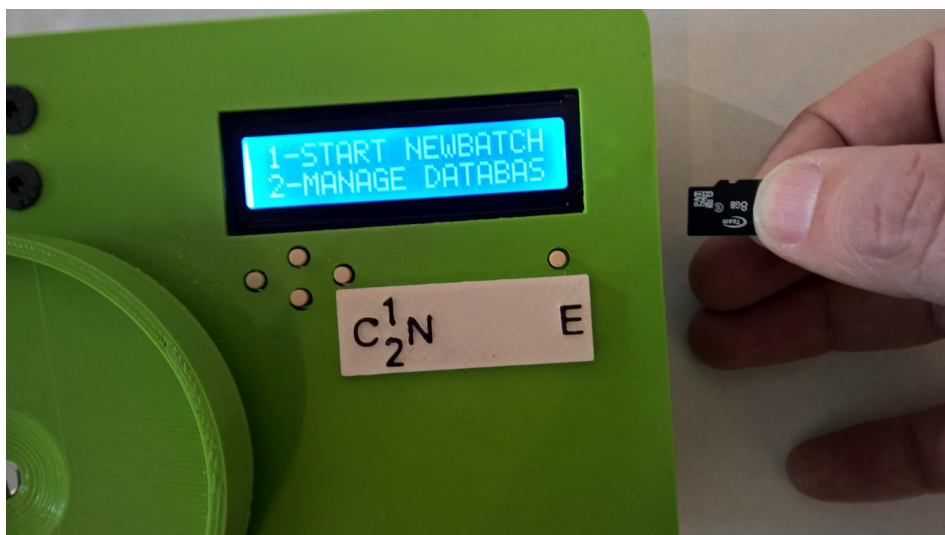
- The instrument itself
- A SD card already inserted in the instrument
- A micro SD to SD adaptor
- A charger
- A certificate of conformity
- A manual

The AGROSTA® Balance is entirely designed and assembled in France. The motherboard comes from Italy, and the shield boards are made by DF Robot. The battery comes from DURACELL in the UK.

The AGROSTA® Balance is not waterproof! It is a precision instrument; please take care to avoid dropping or knocking it.

The AGROSTA® Balance has a two year guarantee from its date of shipment (Except on SD card, no guarantee on SD card).

- Minimum grams: 10g (operation threshold) – In the case of low weight food like cherries, or blueberries, you should measure the weight of a sample of 10 pieces for example
- Maximum grams : 3500
- Resolution: +/- 1 gram
- Precision 1 gram
- Charging time: 1 day for one week work
- Maximum memory capacity: Huge – Limited only by SD.
- Maximum number of pieces of fruit per batch: 450



1) HOW TO START THE INSTRUMENT

- The laboratory scale takes its origin 1 second after you switch it on – If you want to use a recipient, put it on the balance before you switch it on



2) HOW TO USE THE INSTRUMENT

1st Menu :



Press 1 to start a new batch, 2 to consult or delete previous batches

2nd Menu after choice 1 :



You can measure your fruits one after each other

Once the weight is stabilized (within less than 1 second, it is recorded, and the Number (Nu) is increased by 1)

Press C to cancel last measurement

Press N to record and obtain statistics

Press E to go back to Home menu without recording

If choice N :



The statistics of the batch are displayed, Press E to go back to Home menu

Menu "Manage Database"



Press N for batched consultation – Each batch statistics is displayed during 3.5 seconds – “A” corresponds to the average, “St” is the standard deviation of the batch, “Hi” corresponds to the homogeneity index of the batch (shall be less than 10% for good homogeneity)



Press C to erase Data, and go back to Batch 1, the data is deleted on SD card (Confirmation is asked by pressing 1)



4) ON SD CARD

The SD card is located on the right side of the instrument. In order to remove it, apply a light pressure on it till it "clicks"



2 Files are available on the SD card :

- ALL.txt is used by the machine, and shall no be deleted nor modified (If deleted, it is re-created by the instrument, but the memory is erased)
- BATCHES.csv can be opened by Excel (choose “;” separator when Excel tries to open the file) – All measurements and statistics are stored on this file – We recommend to copy it on your computer, and not to modify the file on the SD card

5) TESTING BATTERY CHARGE

In order to test the charge of the battery, just press on the button place on back side of the instrument :



And then look at the blue led close to the charger plug, the number of led switched on corresponds to the level of charge

